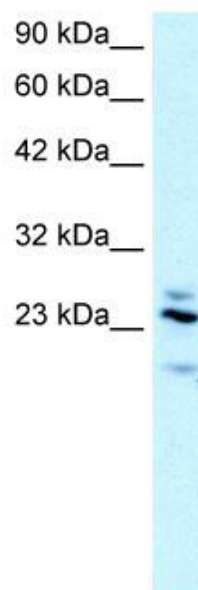


AP42253PU-N**Polyclonal Antibody to RGS20 (all isoforms) - Aff - Purified**

Alternate names:	Gz-GAP, RGSZ1, Regulator of G-protein signaling 20, Regulator of G-protein signaling Z1, Regulator of Gz-selective protein signaling 1, ZGAP1
Quantity:	0.1 mg
Background:	Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins are GTPase-activating proteins for Gi and Gq class G-alpha proteins. They accelerate transit through the cycle of GTP binding and hydrolysis and thereby accelerate signaling kinetics and termination.
Uniprot ID:	076081
NCBI:	NP_003693
GenelD:	8601
Host:	Rabbit
Immunogen:	The immunogen for anti-RGS20 antibody: synthetic peptide directed towards the middle region of human RGS20 AA Sequence: NAFREFLRTEFSEENMLFWMACEEELKKEANKNIIEEKARIIEYEDYISILS
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Purified using Protein A affinity column
Applications:	Western blotting (2 - 4 µg/ml) Immunohistochemistry on paraffin embedded sections (4 - 8 µg/ml) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody will detect all isoforms of RGS20.
Species Reactivity:	Tested: Human Expected from sequence similarity: Mouse, Rat, Dog, Zebrafish, Bovine, African clawed frog, Chicken
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Xu, G.Y., et al., (2004) J. Biomol. NMR 28 (4), 409-4108

Pictures:

WB Suggested Anti-RGS20 Antibody
Titration: 2.5 ug/ml; Positive Control:
Human brain



Human kidney

